

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09698497 on October 25, 2001

3 438/692 (0 OR, 3 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING

438/690 .Combined with the removal of material by
nonchemical means (e.g., ablating, abrading, etc.)

438/691 ..Combined mechanical and chemical material
removal

438/692 ...Simultaneous (e.g., chemical-mechanical
polishing, etc.)

2 318/609 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/560 POSITIONAL SERVO SYSTEMS (E.G.,
SERVOMECHANISMS)

318/609 ."Reset" systems (P.I.)

2 330/252 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/252 .Including differential amplifier

2 365/201 (0 OR, 2 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL

365/189.01 READ/WRITE CIRCUIT

365/201 .Testing

2 438/424 (2 OR, 0 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL
SEMICONDUCTIVE STRUCTURE

438/424 .Grooved and refilled with deposited dielectric
material

2 438/427 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL
SEMICONDUCTIVE STRUCTURE

438/424 .Grooved and refilled with deposited dielectric material

438/427 ..Refilling multiple grooves of different widths or depths

2 438/435 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL SEMICONDUCTIVE STRUCTURE

438/424 .Grooved and refilled with deposited dielectric material

438/435 ..Multiple insulative layers in groove

2 438/443 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL SEMICONDUCTIVE STRUCTURE

438/439 .Recessed oxide by localized oxidation (i.e., LOCOS)

438/443 ..Etchback of recessed oxide

2 438/700 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING

438/694 .Combined with coating step

438/700 ..Formation of groove or trench

2 438/701 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING

438/694 .Combined with coating step

438/700 ..Formation of groove or trench

438/701 ...Tapered configuration

2 438/702 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING

438/694 .Combined with coating step

438/700 ..Formation of groove or trench

438/702 ...Plural coating steps

2 438/792 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/792 ...Utilizing electromagnetic or wave energy
(e.g., photo-induced deposition, plasma, etc.)

2 438/793 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/792 ...Utilizing electromagnetic or wave energy
(e.g., photo-induced deposition, plasma, etc.)

438/793Organic reactant

2 438/794 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/794 ...Organic reactant

2 700/83 (2 OR, 0 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS

700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS

700/83 .Having operator control interface (e.g.,
control/display console)

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09698497 on October 25, 2001

3 438/692 (0 OR, 3 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING

438/690 .Combined with the removal of material by
nonchemical means (e.g., ablating, abrading, etc.)

438/691 ..Combined mechanical and chemical material
removal

438/692 ...Simultaneous (e.g., chemical-mechanical
polishing, etc.)

2 318/609 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/560 POSITIONAL SERVO SYSTEMS (E.G.,
SERVOMECHANISMS)

318/609 ."Reset" systems (P.I.)

2 330/252 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/252 .Including differential amplifier

2 365/201 (0 OR, 2 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL

365/189.01 READ/WRITE CIRCUIT

365/201 .Testing

2 438/424 (2 OR, 0 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL
SEMICONDUCTIVE STRUCTURE

438/424 .Grooved and refilled with deposited dielectric
material

2 438/427 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL
SEMICONDUCTIVE STRUCTURE

- 438/424 .Grooved and refilled with deposited dielectric material
- 438/427 ..Refilling multiple grooves of different widths or depths
- 2 438/435 (0 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL SEMICONDUCTIVE STRUCTURE
- 438/424 .Grooved and refilled with deposited dielectric material
- 438/435 ..Multiple insulative layers in groove
- 2 438/443 (0 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/400 FORMATION OF ELECTRICALLY ISOLATED LATERAL SEMICONDUCTIVE STRUCTURE
- 438/439 .Recessed oxide by localized oxidation (i.e., LOCOS)
- 438/443 ..Etchback of recessed oxide
- 2 438/700 (0 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/689 CHEMICAL ETCHING
- 438/694 .Combined with coating step
- 438/700 ..Formation of groove or trench
- 2 438/701 (0 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/689 CHEMICAL ETCHING
- 438/694 .Combined with coating step
- 438/700 ..Formation of groove or trench
- 438/701 ...Tapered configuration
- 2 438/702 (0 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/689 CHEMICAL ETCHING
- 438/694 .Combined with coating step
- 438/700 ..Formation of groove or trench
- 438/702 ...Plural coating steps

2 438/792 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/792 ...Utilizing electromagnetic or wave energy
(e.g., photo-induced deposition, plasma, etc.)

2 438/793 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/792 ...Utilizing electromagnetic or wave energy
(e.g., photo-induced deposition, plasma, etc.)

438/793Organic reactant

2 438/794 (0 OR, 2 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/758 COATING OF SUBSTRATE CONTAINING SEMICONDUCTOR
REGION OR OF SEMICONDUCTOR SUBSTRATE

438/778 .Insulative material deposited upon
semiconductive substrate

438/791 ..Silicon nitride formation

438/794 ...Organic reactant

2 700/83 (2 OR, 0 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS

700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS

700/83 .Having operator control interface (e.g.,
control/display console)

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09698497 on October 25, 2001

Original Classifications

2 438/424
2 700/83

Cross-Reference Classifications

3 438/692
2 318/609
2 330/252
2 365/201
2 438/427
2 438/435
2 438/443
2 438/700
2 438/701
2 438/702
2 438/792
2 438/793
2 438/794

Combined Classifications

3 438/692
2 318/609
2 330/252
2 365/201
2 438/424
2 438/427
2 438/435
2 438/443
2 438/700
2 438/701
2 438/702
2 438/792
2 438/793
2 438/794
2 700/83

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09698497 on October 25, 2001

Original Classifications

2 438/424
2 700/83

Cross-Reference Classifications

3 438/692
2 318/609
2 330/252
2 365/201
2 438/427
2 438/435
2 438/443
2 438/700
2 438/701
2 438/702
2 438/792
2 438/793
2 438/794

Combined Classifications

3 438/692
2 318/609
2 330/252
2 365/201
2 438/424
2 438/427
2 438/435
2 438/443
2 438/700
2 438/701
2 438/702
2 438/792
2 438/793
2 438/794
2 700/83

PLUS Search Results for S/N 09698497, Searched October 25, 2001

6169808
6175279
6084474
6208581
5019736
5222043
5640534
5914885
6069956
6131044
5841654
5881376
6095674
5184055
5369502
5754071
6018305
6173011
6037759
5418498
5485100
5485223
5692055
5694386
5771191
5956095
5990523
6121834
6171976
6175270
6221734
6221734
6001742
5635870
5339042
5663770
5770970
6204980
5712860
5455680
5717886
4292622
4440127

4467443
4541090
4605885
4607376
4611236
4787022
4797854